

K J Somaiya College of Engineering, Mumbai-77

(Autonomous College Affiliated to University of Mumbai)

Department: EXTC

List of Peer Reviewed Journal papers

https://docs.google.com/spreadsheets/d/1x6U3QxS_4sGKPX49wYYnROb0QjaCybKZkfDFLJO530Y/edit#gid=1433108665

| Sr. No. | Dept. | Initials | Name/s of Author/s/ Faculty | Title of paper/STTP/WS attended etc. | Affiliation of Publication/ Organizers of STTP WS etc. | Conference / journal / WS / STTP / Colloquium / Transaction / International Conference abroad / Seminar | Durati on | Month | Year | No of Citatio ns as on date | h- ind ex | Remarks |
|----------------|--------------|-----------------|---|---|--|--|------------------|--------------|-------------|------------------------------------|------------------|----------------|
| 1. | EXTC | AKN | Ameya K. Naik, and Raghunath S. Holambe | A unified framework for the design of low complexity wavelet filters | International Journal of Wavelets, Multiresolution and Information Processing, Vol. 15, Issue 06, 1750054, | IJ | - | Novemb er | 2017 | 1 | 18 | - |
| 2. | EXTC | AKN | Ameya K. Naik, and Raghunath S. Holambe | Joint Encryption and Compression scheme for a multimodal telebiometric system | Elsevier Neurocomputing, Vol. 191, pp. 69-81 | IJ | -- | May | 2016 | 2 | 100 | -- |

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|----------------|--------------|-----------------|--|---|--|--|------------------|--------------|-------------|------------------------------------|------------------|----------------|
| 3. | EXTC | AKN | Ameya K. Naik, and Raghunath S. Holambe | New Approach to the Design of Low Complexity 9/7 tap Wavelet Filters with Maximum Vanishing Moments | IEEE Trans. Image Proc, 23(12), pp. 5722-5732 | IJ | -- | Decemb er | 2014 | 7 | 10 1 | -- |
| 4. | EXTC | AKN | A. K. Naik, and R. S. Holambe | Design of Low-complexity High-performance Wavelet Filters for Image Analysis | IEEE Trans. Image Proc, 22(5), pp. 1848-1858., | IJ | - | May | 2013 | 18 | 10 1 | - |
| 5. | EXTC | AKN | Shivali D. Kulkarni, Ameya K. Naik and Nitin S. Nagori | 2D Image Transmission Using Bandwidth Efficient Mapping Technique | International Journal of Image and Graphics (IJIG), Vol. 10, No. 4, pp 559-573 | J | -- | October | 2010 | 1 | - | - |

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|----------------|--------------|-----------------|---|---|--|--|------------------|--------------|-------------|------------------------------------|------------------|----------------|
| 6. | EXTC | AKN | Ameya K. Naik, Meenal M. Tamhankar, and Vikrant Joshi | Performance Evaluation of Code Spread CDMA System using Simulations | WSEAS Transactions on Communications, Vol. 5, No. 2, pp. 335-340, Feb. 2006 ISSN 1109-2742. | IJ | -- | February | 2006 | - | - | - |
| 7. | EXTC | AKN | Ameya K. Naik, Meenal M. Tamhankar, and Mahesh P. Sinha | Evaluation of Error rate performance for ODS code-spread system using simulations | International Journal of Communication Systems, John Wiley & Sons Ltd., Vol. 19, No. 6, pp 723-726 | J | -- | August | 2006 | - | - | - |
| 8. | EXTC | AKN | Ameya K Naik and Raghunath Holambe | Blind DCT Domain Digital Watermarking for Biometric Authentication | International Journal of Computer Applications 1(16):11-15. Published By Foundation of Computer Science. | IJ | -- | February | 2010 | - | - | - |

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| 9. | EXTC | AKN | AK Naik, MM Tamhankar, MP Sinha | Evaluation of error rate performance for ODS code-spread system using simulations | International Journal of Communication Systems 19 (6), 723-726 | IJ | -- | August | 2006 | 1 | 37 | - |
| 10. | EXTC | RGK | R. G. Karandikar, A. R. Abhyankar, S. A. Khaparde, and P. Nagaraju | Assessment of Risk involved with Bidding Strategies of a GENCO in a Day Ahead Market | International Journal of Emerging Electric Power Systems(IJEEPS), Volume 1, Issue 1, Article 1006. | J | -- | August | 2004 | 11 | - | - |
| 11. | EXTC | RGK | R. G. Karandikar, N. R. Deshpande, S. A. Khaparde, and S. V. Kulkarni | Modeling Volatility Clustering in Electricity Price Return Series for Forecasting Value at Risk | European Transactions on Electric Power (ETEP), published online, DOI:10.1002/etep.205. | J | -- | October | 2007 | 10 | - | - |

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|---------|-------|----------|---|--|--|---|----------|-----------|------|----------------------------|---------|---------|
| 12. | EXTC | RGK | R. G. Karandikar, S. A Khaparde, and S. V. Kulkarni | Quantifying Price Risk Of Electricity Retailer Based on CAPM and RAROC Methodology | International Journal of Electrical Power and Energy Systems (IJPES), vol. 29, issue 5, pg. 1033-1049, Sept. 2007. | J | -- | September | 2007 | 33 | - | - |
| 13. | EXTC | RGK | R. G. Karandikar, S. A Khaparde, and S. V. Kulkarni | Strategic Evaluation of Bilateral Contract for Electricity Retailer in Restructured Power Market | International Journal of Electrical Power and Energy Systems (IJPES) | J | -- | October | 2009 | 51 | - | - |
| 14. | EXTC | JMK | Anand Jain, J.M.Kundargi | Comparative Analysis of Different Segmentation Techniques for Number Plate Recognition | International Journal of Engineering & Technical Research, Volume-3, Issue-4 | J | -- | April | 2015 | - | - | - |

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|----------------|--------------|-----------------|------------------------------------|---|--|--|------------------|--------------|-------------|------------------------------------|------------------|----------------|
| 15. | EXTC | SSM | Rujuta Pawar, Swati Mahajan | Performance Analysis of Wireless Sensor Network Using Cognitive Radio Concept | International Journal of Computer Sciences and Engineering (IJCSE), E-ISSN: 2347-2693 Volume 2, Issue 04 | J | -- | April | 2014 | 1 | - | - |
| 16. | EXTC | SSM | Archana, Swati Mahajan | SUPPRESSION OF INTERFERENCE IN ULTRA WIDE BAND SRAKE RECEIVERS USING IMPULSE RESPONSE | International Journal of Advanced Research in Electronics and communication Engineering (IJARECE), ISSN: 2278 – 909X, Volume 2, Issue 12 | J | -- | Decemb er | 2013 | - | - | - |

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| 17. | EXTC | SSM | Vaishali Mangrulkar, Swati Mahajan | ANALYSIS OF ENERGY AND LIFE-TIME USING ENERGY EFFICIENT ROUTING PROTOCOL IN WIRELESS SENSOR NETWORK | International Journal of Electronics, communication & Soft Computing Science and Engineering, ISSN: 2277-9477, Volume 2, Issue2 | J | -- | August | 2012 | - | - | - |
| 18. | EXTC | SSK | S.S. Yenaganti, S.S.Kulkarni, A.J.Verma, N.Sreevalsen V.Rathore | Ozone detection by DFB QCL absorption technique using Multipass cell | International Journal for Research in Applied Science & EngineeringTechnology (IJRASET) Volume 3 Issue V, ISSN: 2321-9653 | J | -- | May | 2015 | - | - | - |

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|---------|-------|----------|--|--|---|---|----------|----------|------|----------------------------|---------|---------|
| 19. | EXTC | BS | Bharati Singh, Nisha Sarwade and K. P. Ray | , "Non-identical Rectangular Microstrip Antenna Arrays with Corporate Feed for Aperture Tapering", | IETE Journal of research, Available: http://dx.doi.org/10.1080/03772063.2017.1356754 | J | -- | August | 2017 | - | - | - |
| 20. | EXTC | BS | Bharati Singh, Nisha Sarwade and K. P. Ray | "Compact series fed Tapered Antenna Array using unequal rectangular microstrip antenna elements," | Microwave Optical Tech. Letters, Vol. 59, no.8, pp.1856-1861, 2017. https://doi.org/10.1002/mop.30640 . (WILEY Publication) | J | -- | February | 2017 | 5 | - | - |
| 21. | EXTC | BS | Bharati Singh Sarwade N | Antenna Array Performance with Number of Elements for Aperture Distributions. | IETE Technical Review | J | -- | May | 2016 | 4 | - | - |

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| 22. | EXTC | BS | Bharati Singh, | Microstrip Antenna Design With Defected Ground Structure | IOSR Journal of Electronics and Communication Engineering (IOSR-JECE) e-ISSN: 2278-2834,p- ISSN: 2278-8735.Volume 9, Issue 2, Ver. VIII , PP 46-50 | J | -- | Mar - Apr. | 2014 | 7 | - | - |
| 23. | EXTC | BS | Bharti Singh, Twisha Pandey | A Review on Microwave Based Moisture Measurement System for Granular Materials | IOSR Journal of Electronics and Communication Engineering (IOSRJECE)ISSN: 2278-2834, ISBN: 2278-8735. Volume 3, Issue 2, PP 37-41 | J | -- | Sep-Oct. | 2012 | - | - | - |

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| 24. | EXTC | JMV | Pranavi Mhatre Jyoti. M. Varavdekar | Miniature in Phase Hybrid Ring Equal Power Divider Using Tile EBG | International Journal on Advanced Computer Theory and Engineering(IJACTE) ISSN: 2319-2526, Volume 2, Issue 4 | J | -- | Jan-Feb | 2013 | - | - | - |
| 25. | EXTC | NSN | Shivali D. Kulkarni, Ameya K. Naik, and Nitin S. Nagori | 2d Image transmission using bandwidth efficient mapping | International Journal of Image and Graphics (IJIG), Volume: 10, Issue: 4(2010), pp. 559-573. | J | -- | -- | 2010 | - | - | - |
| 26. | EXTC | NSN | Shivali D. Kulkarni, Ameya K. Naik, and Nitin S. Nagori | 2d Image transmission using bandwidth efficient mapping | International Journal of Image and Graphics (IJIG), Volume: 10, Issue: 4(2010), pp. 559-573. | J | -- | -- | 2010 | - | - | - |

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| 27. | EXTC | NSN | Shivali D. Kulkarni, Ameya K. Naik, and Nitin S. Nagori | 2d Image transmission using bandwidth efficient mapping | International Journal of Image and Graphics (IJIG), Volume: 10, Issue: 4(2010), pp. 559-573. | J | -- | -- | 2010 | - | - | - |
| 28. | EXTC | ASK | A. S. Kholapure, | UWB Antenna With Reconfigurable Triple Band Notched Characteristics For Cognitive Radio | ICTACT Journal of communication technology, ISSN 2229-6948,Sept 2017,Vol No.8,Issue 3,1553-1558. | J | -- | Septemb er | 2017 | 1 | - | - |
| 29. | EXTC | VJS | Vandana Jitendra Satam | Two element compact UWB diversity antenna with combination of DGS and parasitic elements | Wireless personal communications | IJ | -- | February | 2018 | - | - | - |

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| 30. | EXTC | VJS | Vandana Jitendra Satam | Dual Notched , high gain diversity antenna for wide band applications | Microwave and optical technology letters | IJ | -- | May | 2017 | - | - | - |
| 31. | EXTC | RPP | Rupali Patil | Image Digitization of discontinuous & degraded electrocardiogram paper records using an entropy-based bit plane slicing algorithm | Journal of Electrocardiology.(El sevier) | IJ | -- | May | 2018 | - | - | - |
| 32. | EXTC | RPP | R.G.Karandikar | Image Digitizationof discontinuous & degraded electrocardiogram paper records using an entropy-based bit plane slicing algorithm | Journal of Electrocardiology.(El sevier) | IJ | -- | May | 2018 | - | - | - |

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| 33. | EXTC | RPP | Rupali Patil | Robust Algorithm for Digitization of Degraded Electrocardiogram Paper Records | ICTACT JOURNAL ON COMMUNICATION TECHNOLOGY, An International Publication of ICT Academy, Volume 08, Issue 03, ISSN 0976-0091 | J | -- | Septemb er | 2017 | - | - | - |
| 34. | EXTC | RPP | R.G.Karandikar | Robust Algorithm for Digitization of Degraded Electrocardiogram Paper Records | ICTACT JOURNAL ON COMMUNICATION TECHNOLOGY, An International Publication of ICT Academy, Volume 08, Issue 03, ISSN 0976-0091 | J | -- | Septemb er | 2017 | - | - | - |

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| 35. | EXTC | MW | Anushri Tambe | High Speed complex multiplier using vedic mathematics: An effective tool | International Journal of Advances electrical and Electronics Engineering (IJAEED), ISSN-2278-8948, Volume 5 Issue 1 | J | -- | April | 2016 | - | - | - |
| 36. | EXTC | MW | Jitendra Pendharkar, Mahesh Warang, Anushri Tambe | Measurement of cognitive beliefs and brain hemisphericity dominance at entry and exit level of students | International Multidisciplinary Research Journal (IMRJ), Vol 4, ISSN No : 2230-7850 | J | -- | June | 2014 | - | - | - |
| 37. | EXTC | MW | Jitendra Pendharkar, Sheetal Thakare, Mahesh Warang, Anushri Tambe | Comparison of development of cognitive beliefs and brain hemisphericity | International Multidisciplinary Research Journal (IMRJ), Vol 3 , ISSN No :2231-5063 | J | -- | June | 2014 | - | - | - |

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March 19, 2019